

On Track To Become One of North America's First Commercial Producers of Lithium From Oilfield Brine

Volt is a lithium development and technology company advancing a solution for oil & gas companies to monetize value from lithium in oilfield brines

- Proven and proprietary capability to extract commercially-viable quantities of lithium from various oilfield brines, and produce battery-grade lithium carbonate and lithium hydroxide monohydrate in-house
- Active Field Simulation Centre leveraging proprietary DLE technology to test oilfield brines from across North America
- Field unit operations commenced in Q3 2024 in partnership with a major operator in the Permian Basin (Delaware Basin)
- All-in extraction and operating costs below US\$2,900 per tonne LCE^{1,2} supporting robust margins even within a volatile lithium price environment

HOW VOLT IS DIFFERENT



Proprietary DLE Technology



Ultra-Low Cost Structure



Repeatable Deployment Model



Leveraging E&P Producer Partners



Strategic Collaborations



Field Simulation Centre

NEXT GENERATION LITHIUM EXTRACTION

- 1 Stage One - Brine Treatment**
Process removes up to 99% of contaminants from oilfield brine
- 2 Stage Two - Proprietary DLE Technology**
Field Simulation Centre achieving 99% lithium extraction rates from oilfield brine
- 3 Stage Three - Lithium Concentration**
Concentration and crystallization to battery-grade lithium carbonate or lithium hydroxide monohydrate



1) Lithium Carbonate Equivalent

2) Assumes lithium concentrations of just 34 mg/L, and a commercial operating unit processing 60,000 bbls/d of brine

SUPPORTIVE DEMAND OUTLOOK

- EVs and battery capacity expansion are fueling robust demand growth, with global EV sales increasing 69% year-over-year²
- The time is now to secure future sources of lithium and diversify global supply chains

1.1 MM

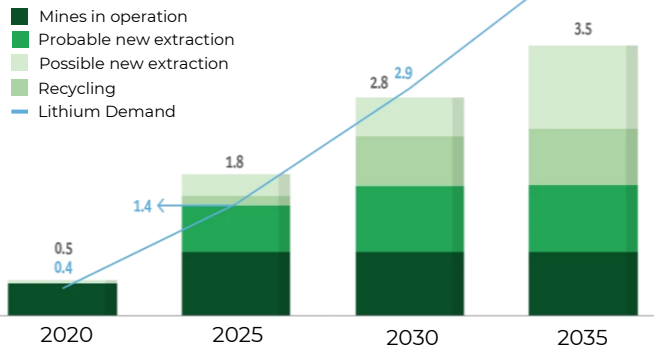
tonnes LCE* projected deficit in 2035

>1,000%

Projected demand increase (2020 – 2035)

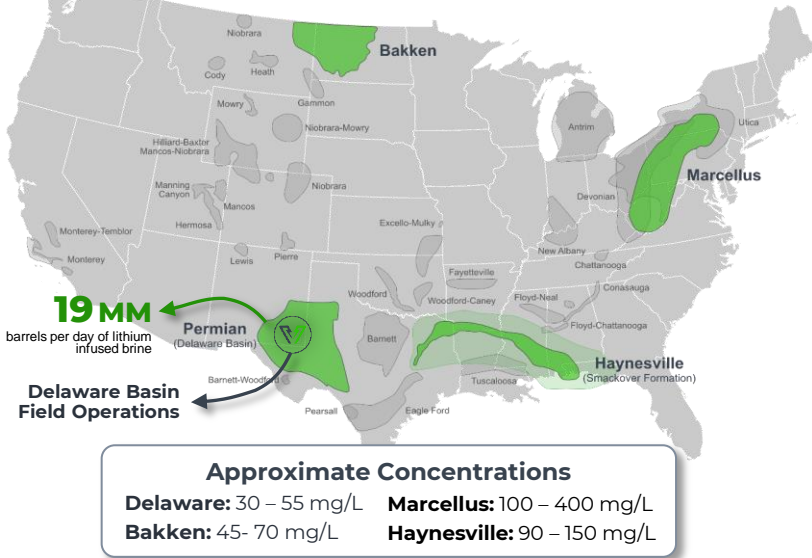
Projected Lithium Market Balance¹

Million tons LCE

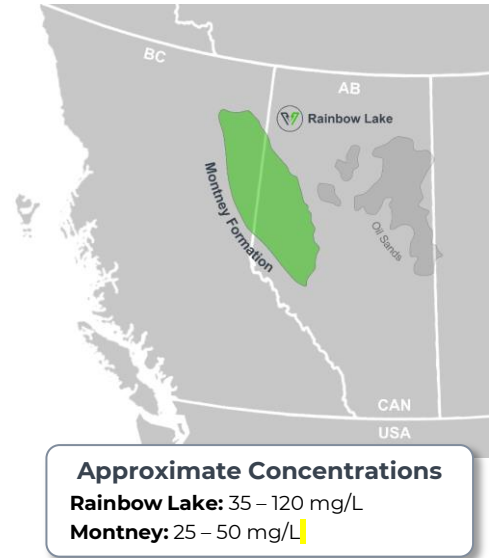


PROMISING GROWTH OPPORTUNITIES

US Fields



Canadian Fields



CAPITALIZATION TABLE

Instrument	As at November 29, 2024
Common shares	164,724,400
Stock options	11,785,000
Warrants	37,052,378



LEARN MORE

1) Source: S&P Global Market Intelligence; Boston Consulting Group Analysis; 2022

2) As of January 2024; Source: CleanTechnica; January 2024 Breaks Global EV Sales Record